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(71) Applicant:

AISIN WARNER LTD

(72) Inventor:

**KUWAYAMA YOSHINARI
YOKOYAMA FUMITOMO
MIURA MASAKATSU**

(54) HYDRAULIC, SERVO-UTILIZED PRESSURE
GOVERNING DEVICE IN AUTOMATIC GEAR

1 is started smoothly.

(57) Abstract:

PURPOSE: To obtain a smooth engagement and good operation, by providing a pressure governing valve among a hydraulic servo, an accumulator, and a shift valve so as to supply the engagement pressure to the hydraulic servo in proper quantities.

CONSTITUTION: If the oil pressure is supplied to a supply port 5a after switching a shift valve, with a pressure governing valve 5 kept at the position as shown in the lower half part in the attached figure, the engaging oil pressure is supplied at a quick rise to a hydraulic servo 1 via both a port 5b and an oil passage 7, during which time a check valve 16 is closed. At the same time, the oil pressure to the port 5b is supplied to a feed back port 5d via an oil passage 11 with an orifice 12, so that both ports 5a and 5b can be controlled to the predetermined pressure. Meanwhile, a spool 5c is operated by an accumulator 2, and the opening of the port 5a becomes gradually larger. Thus, the oil pressure at the pressure governing port 5b rises smoothly, so that the engagement of the engaging means

